



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ILLINOIS, Northwest</u>									
Rock Island County									
Moline	06	0609CST			0	0	10K		Lightning
Lightning strike at 2728 13th Avenue; discovered an hour later.									
Mercer County									
1.3 SE Sherrard	06	0710CST			0	0	25K		Lightning
Lightning strike at 441 Highland Drive in the Frye Lake area; half of the house was damaged									
A low level jet produced a nocturnal MCS that moved across eastern Iowa and northern Illinois in the pre-dawn and early morning hours. Lightning from the storms struck two houses resulting in considerable damage from the resultant fires.									
Stephenson County									
Freeport	21	0345CST 0350CST			0	0			Lightning
house struck by lightning causing unknown damage.									
Stephenson County									
Freeport	21	0350CST 0357CST			0	0	2K		Thunderstorm Wind (EG52)
trees and power lines down									
Stephenson County									
2 N Mc Connell	21	0440CST 0443CST			0	0	1K		Thunderstorm Wind (EG52)
tree limbs down on road									
Jo Daviess County									
3.5 NNE Stockton	21	0454CST 0455CST			0	0			Thunderstorm Wind (MG54)
measured gust									
Jo Daviess County									
Stockton	21	0459CST			0	0	2K		Thunderstorm Wind (EG52)
trees and power lines down									
Jo Daviess County									
Warren	21	0459CST			0	0	2K		Thunderstorm Wind (EG52)
trees and power lines down									
Stephenson County									
Davis	21	0558CST			0	0	1K		Thunderstorm Wind (EG52)
a few trees down									
Stephenson County									
Pearl City	21	0558CST			0	0			Thunderstorm Wind (EG50)
A tree was downed by severe thunderstorm winds.									
An upper level disturbance in a near tropical atmosphere produced scattered thunderstorms in the pre-dawn hours across eastern Iowa and northwest Illinois. Hail was nearly non existent or was of pea sized due to the high freezing levels. Several of the storms pulsed severe with high winds that downed trees and power lines.									
Warren County									
4 WNW Monmouth	22	0520CST 0525CST			0	0	5K		Thunderstorm Wind (EG52)
from co-op observer at the ag station northwest of town; areas of waist high corn blown down around the local area.									



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<u>ILLINOIS, Northwest</u>									
McDonough County									
2 WSW Macomb to Macomb	22	0530CST 0544CST			0	0	8K		Hail(1.00)
									dime to quarter size hail covering the ground.
McDonough County									
1.5 S Colchester	22	0534CST			0	0			Hail(0.75)
									dime size hail
McDonough County									
Macomb to 1 N Macomb	22	0547CST			0	0			Hail(0.75)
									hail knocking leaves off trees.
McDonough County									
Pennington Pt	22	0551CST 0557CST			0	0	1K	4K	Thunderstorm Wind (EG52)
									limbs and crops down near the cemetery at the edge of town.
An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.									
Whiteside County									
Countywide	25	1400CST 1530CST			0	0			Funnel Cloud
									Numerous public and law enforcement reports
Bureau County									
Countywide	25	1500CST 1700CST			0	0			Funnel Cloud
									Numerous public and law enforcement reports
Bureau County									
Bureau	25	1745CST 1815CST			0	0			Heavy Rain
									2 inches of rain with most falling between 1745 and 1815 CST
Bureau County									
Bureau	25	1803CST			0	0			Hail(0.75)
									penny size hail near the jct of IL 26 & 29
Carroll County									
Countywide	25	1900CST 2000CST			0	0			Funnel Cloud
									Numerous public and law enforcement reports.
Carroll County									
Savanna	25	1944CST 2035CST			0	0			Heavy Rain
									ponding of water on streets with depths of 1 to 4 inches; estimated 3 inches of rain
Carroll County									
Savanna	25 26	2140CST 0030CST			0	0	2K		Flash Flood
									U.S. 52 just south of the business district with a few feet of water across it.
Carroll County									
1.5 NE Savanna Stransky	25 26	2140CST 0030CST			0	0	3K		Flash Flood
									Railroad underpass on Scenic Bluff Rd was impassable, covered with several feet of water.



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					Killed	Injured	Property	Crops	

ILLINOIS, Northwest

Carroll County

1 E Wacker

25 2140CST
26 0030CST

0

0

3K

Flash Flood

Railroad underpass on Wacker Road east of town was impassable, covered with several feet of water

An unseasonably strong upper level storm system combined with a near semi-moist atmosphere to produce scattered thunderstorms. A lone storm pulsed severe in east central Iowa and produced marginally severe hail. The rapid growth of cumulus clouds and showers across Illinois lead to numerous confirmed reports of funnels.

Once the sun set, thunderstorms developed over northwest Illinois and remained nearly stationary for several hours over Savanna, Illinois and western Carroll county producing localized flash flooding.

Whiteside County

Morrison

27 1412CST

0

0

Hail(0.75)

penny size hail on south side of town

Henry County

2 N Geneseo

27 1530CST
1532CST

0

0

Hail(0.88)

from co-op observer; pea to nickel size hail.

A set of upper level disturbances combined with a semi-moist atmosphere to produce scattered thunderstorms across eastern Iowa and northern Illinois. A few of the storms pulsed severe and produced hail.

Warren County

Coldbrook

30 1115CST

0

0

5K

Hail(0.75)

An upper level disturbance interacted with a semi-moist to moist atmosphere to produce widely scattered thunderstorms across eastern Iowa and west central Illinois. Two storms pulsed severe and dropped marginally severe hail. In the case of the pulse severe storm in Iowa, there is a possibility that a continuous hail swath occurred from southeast of Blairtown to northeast of Marengo.

IOWA, East Central and Southeast

Benton County

1 N Van Horne

03 2235CST

0

0

1K

1K

Hail(1.00)

Linn County

Cedar Rapids

03 2312CST
Measured by RWIS

0

0

Thunderstorm Wind (MG59)

A likely upper level disturbance initiated scattered thunderstorms in a semi-dry to semi-moist atmosphere across eastern Iowa. Two storms pulsed severe and produced one report each of large hail and a downburst.

Benton County

Shellsburg

06 1242CST
1244CST

0

0

Funnel Cloud

near the golf course



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<u>IOWA, East Central and Southeast</u>									
Jefferson County 2.8 ENE Glasgow	06	1300CST			0	0	1K		Hail(1.50)
		walnut size hail							
Linn County Marion	06	1300CST 1330CST			0	0			Heavy Rain
		estimated 0.50 to 1 inch of rain in 30 minutes with minor street flooding.							
Linn County Toddville	06	1307CST			0	0			Hail(0.75)
Linn County Cedar Rapids	06	1310CST 1355CST			0	0			Heavy Rain
		minor street flooding downtown; estimated 1 to 2 inches of rain in 45 minutes							
Linn County Marion	06	1315CST			0	0			Hail(0.88)
		dime to nickel size hail							
Henry County 6 S New London	06	1325CST			0	0			Hail(0.75)
		up to penny size hail							
Linn County Cedar Rapids	06	1330CST			0	0	5K		Hail(1.00)
		also reported by the fire department; numerous reports of nickel to quarter size hail. The duration at any one location was 2 to 5 minutes.							
Linn County Marion	06	1335CST			0	0			Hail(0.75)
		dime to penny size hail							
Linn County 2.1 NNW Bertram	06	1336CST 1338CST			0	0			Hail(0.88)
		Jct of Hwy 13 & Mt Vernon Rd							
Linn County 5 E Cedar Rapids	06	1339CST 1343CST			0	0			Hail(1.00)
		Nickel to quarter-sized hail.							
Lee County 5 N West Pt	06	1345CST			0	0			Hail(0.75)
		up to penny size hail. Time estimated based on radar.							
Linn County Palisades Kepler Sp	06	1359CST			0	0			Hail(0.88)
Iowa County Williamsburg to 9.9 ENE Williamsburg	06	1400CST 1415CST			0	0			Funnel Cloud
		numerous reports of funnel clouds along I-80							
Johnson County 3.3 SW Oxford to Tiffin	06	1405CST 1415CST			0	0			Funnel Cloud
		numerous reports of funnel clouds along I-80							
Johnson County 2 NNE Tiffin	06	1409CST 1413CST			0	0			Funnel Cloud
		along I-380							



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					Killed	Injured					

IOWA, East Central and Southeast

Johnson County
Newport **06** **1427CST**
 1431CST **0** **0** **2K** **Thunderstorm Wind (EG52)**

Johnson County
Newport **06** **1431CST** **0** **0** **7K** **2K** **Hail(1.75)**

Johnson County
Morse **06** **1432CST** **0** **0** **Hail(1.75)**

Washington County
1.4 ESE Riverside **06** **1510CST** **0** **0** **3K** **3K** **Hail(1.75)**

Washington County
1.7 ESE Riverside **06** **1511CST** **0** **0** **4K** **4K** **Hail(2.00)**
 mainly pea size with a few big stones just before ending

Washington County
1.7 ESE Riverside **06** **1511CST**
 1512CST **0** **0** **3K** **Thunderstorm Wind (EG52)**
 corn flattened

Johnson County
River Jct **06** **1515CST** **0** **0** **3K** **Hail(1.00)**

Jefferson County
8 N Fairfield **06** **1525CST**
 1528CST **0** **0** **Funnel Cloud**
 possible funnel cloud

Louisa County
2 NNE Cotter **06** **1535CST**
 1537CST **0** **0** **2K** **Hail(0.75)**

Jefferson County
5 N Fairfield **06** **1606CST** **0** **0** **Hail(0.75)**
 mainly pea size hail with some dime size stones along highway 1

Jefferson County
5 NE Fairfield **06** **1615CST** **0** **0** **2K** **3K** **Hail(1.00)**

Jefferson County
5 NE Fairfield **06** **1615CST** **0** **0** **1K** **Thunderstorm Wind (EG52)**
 several 2 to 3 inch diamter branches down

Jefferson County
2 NW Salina **06** **1620CST** **0** **0** **2K** **3K** **Hail(1.75)**
 chunks the size of golfballs and possibly larger

Scattered thunderstorms developed in a moist atmosphere ahead of a cold front moving through eastern Iowa. Remnant outflow boundaries from convection earlier in the day allowed the storms to pulse severe with the primary threat being large hail. Boundary interactions with the storms resulted in numerous reports of funnel clouds from the public. One boundary interaction resulted in a landspout a few miles north of Keota.

Washington County
2 W Kalona **06** **1455CST** **0** **30** **0** **0** **Tornado (F0)**
 relayed my media

A landspout made a brief touchdown west of Kalona on the backside of a line of thunderstorms. No damage was reported

Keokuk County
2.3 NNW Keota to
2.1 NNW Keota **06** **1500CST**
 1502CST **0.2** **175** **0** **0** **25K** **4K** **Tornado (F1)**
 landspout; rated F1 with winds estimated around 90 mph



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IOWA, East Central and Southeast

A thunderstorm interacted with an outflow boundary from convection earlier in the day and produced a funnel that was visible for several minutes prior to touching down. Based on available information, the landspout touched down just west of the intersection of 180th street and W15 (30th Ave) and moved south southeast. The landspout partially damaged a field of soy beans before reaching the Becker Farm. A garage was destroyed with windows broken out of the farm house. Several 18 inch diameter trees were snapped off.

Scott County

Dixon	21	0332CST 0336CST			0	0	10K		Thunderstorm Wind (EG57)
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A 3 foot diameter cottonwood limb was torn off its parent tree and dropped on a nearby house. Extensive damage was done to the house.

Clinton County

Calamus	21	0335CST 0340CST			0	0	2K		Lightning
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Fascia off a building with bricks laying all over with a power feeder line on the ground

Clinton County

Dewitt	21	0347CST 0352CST			0	0	3K		Thunderstorm Wind (EG57)
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Large tree down with numerous limbs down and windows broken in one house. An RWIS at the junction of U.S. 30 & 61 recorded a wind gust of 47 knots (54 mph) at 0337 CST with successive gusts of 44 knots (51 mph) through nearly 0400 CST.

Benton County

Norway	21	0500CST			0	0	3K		Thunderstorm Wind (MG58)
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measured gust; trees down

Benton County

3.2 ESE Belle Plaine	21	0519CST 0522CST			0	0	6K		Thunderstorm Wind (EG57)
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part of roof partially off a mobile home

Benton County

Belle Plaine	21	0520CST 1520CST			0	0	5K		Thunderstorm Wind (EG52)
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also reported by media; tree and branches down; tree down on a car

Linn County

.5 N Toddville	21	0535CST			0	0	4K		Thunderstorm Wind (EG61)
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10 inch diameter tree snapped and several 8-9 inch diameter pine trees topped.

An upper level disturbance in a near tropical atmosphere produced scattered thunderstorms in the pre-dawn hours across eastern Iowa and northwest Illinois. Hail was nearly non existent or was of pea sized due to the high freezing levels. Several of the storms pulsed severe with high winds that downed trees and power lines.

Johnson County

Iowa City	21	1401CST			0	0			Hail(0.88)
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Jct I-80 & hwy 1; pea to nickel hail lasting 5 minutes.

An upper level disturbance in a near tropical atmosphere combined with left over outflow boundaries to produce afternoon thunderstorms. A lone storm pulsed severe and produced hail on the far north side of Iowa City.

Van Buren County

Keosauqua	22	0320CST			0	0	1K		Thunderstorm Wind (EG52)
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tree down blocking the road; several sheets of gypsum board were blown over a one story house and into a ditch.



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<u>IOWA, East Central and Southeast</u>							
Van Buren County Bentonsport to Vernon	22	0345CST			0 0	2K	Thunderstorm Wind (EG52)
							tree down on power line.
Van Buren County Bonaparte	22	0345CST			0 0	5K	Thunderstorm Wind (EG61)
							numerous tree limbs down; roof blown off a feed shed.
Van Buren County Stockport	22	0345CST			0 0	1K	Thunderstorm Wind (EG52)
							tree down on back of house
Des Moines County West Burlington	22	0420CST			0 0	10K	Thunderstorm Wind (EG61)
							also reported by law enforcement; numerous branches of 4 to 7 inches in diameter down. A 14 inch diameter branch down on a car. An 8x8 shed that was bolted to its foundation was moved off said foundation.
Lee County Montrose	22	0423CST			0 0		Hail(0.88)
							penny to nickel size hail with heavy rain.
Des Moines County Middletown	22	0430CST			0 0	1K	Thunderstorm Wind (EG52)
							4 inch diameter branch down on fence.
Des Moines County Burlington	22	0448CST			0 0	5K	Thunderstorm Wind (EG57)
							tree branches down on vehicle.
							An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.
Dubuque County Balltown	24	1135CST 1136CST			0 0	2K	Hail(1.00)
							Time estimated based on radar.
Dubuque County .5 E Durango	24	1218CST 1223CST			0 0	1K	Thunderstorm Wind (EG52)
							Tree down on Burtons Furnance Rd east of Durango
Dubuque County 2 N Dubuque	24	1220CST 1250CST			0 0		Heavy Rain
							roadside ditches full with water ponding on U.S. 52
Dubuque County Durango to Asbury	24	1222CST 1227CST			0 0	1K	Thunderstorm Wind (EG52)
							Tree down on Hales Mill Rd between Durango and Asbury
Dubuque County Dubuque	24	1225CST 1310CST			0 0		Heavy Rain
							Heavy rain occurred in the city of Dubuque along with winds estimated at 43 knots (50 mph). At the time the spotter called in, rain was falling at a rate of 2.40 inches per hour.



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<u>IOWA, East Central and Southeast</u>									
Dubuque County									
Sageville	24	1230CST 1235CST			0	0	2K		Thunderstorm Wind (EG52)
			Power lines down on old Sageville Rd on the edge of town.						
Dubuque County									
Dubuque	24	1240CST 1245CST			0	0	4K		Thunderstorm Wind (EG52)
			Trees and power lines down on Broadway near 24th Street.						
Jones County									
Wyoming	24	1418CST			0	0			Hail(0.75)
			mainly pea with a few dime size stones						
			An upper level disturbance interacted with a semi-dry to semi-moist atmosphere to produce scattered thunderstorms across northeast into east central Iowa. Training of some storm cells produced heavy rain in the Dubuque metropolitan area.						
Johnson County									
1 N North Liberty	25	1444CST			0	0	1K		Hail(0.88)
			An unseasonably strong upper level storm system combined with a near semi-moist atmosphere to produce scattered thunderstorms. A lone storm pulsed severe in east central Iowa and produced marginally severe hail. The rapid growth of cumulus clouds and showers across Illinois lead to numerous confirmed reports of funnels.						
			Once the sun set, thunderstorms developed over northwest Illinois and remained nearly stationary for several hours over Savanna, Illinois and western Carroll county producing localized flash flooding						
Jefferson County									
Fairfield	27	1820CST			0	0			Hail(0.75)
			penny size hail covering the ground.						
Van Buren County									
Bonaparte	27	1921CST			0	0			Hail(0.75)
			penny size hail in town						
Lee County									
2.1 NNW Croton	27	1942CST			0	0	2K		Hail(0.75)
			1 mile east of Van Buren/Lee line on highway 2; entire hail duration was 10 minutes.						
Van Buren County									
Farmington	27	1944CST 1950CST			0	0	2K		Hail(1.00)
			penny to quarter size hail; reported by fire chief & spotter						
			A set of upper level disturbances combined with a semi-moist atmosphere to produce scattered thunderstorms across eastern Iowa and northern Illinois. A few of the storms pulsed severe and produced hail.						
Benton County									
3 SE Blairstown	30	0925CST			0	0	5K		Hail(0.75)
Iowa County									
6 NE Marengo	30	0934CST			0	0	5K		Hail(0.75)
			pea to penny size hail with heavy rain.						



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Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

IOWA, East Central and Southeast

An upper level disturbance interacted with a semi-moist to moist atmosphere to produce widely scattered thunderstorms across eastern Iowa and west central Illinois. Two storms pulsed severe and dropped marginally severe hail. In the case of the pulse severe storm in Iowa, there is a possibility that a continuous hail swath occurred from southeast of Blairstown to northeast of Marengo

MISSOURI, Northeast

Clark County

4.5 WNW Anson	22	0324CST 0329CST		0	0	Thunderstorm Wind (EG52)
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3 inch diameter branch broken.

An upper level disturbance initiated thunderstorms in a nearly moist atmosphere ahead of a stationary front running from northwest Missouri into northeast Illinois. Numerous storms pulsed severe across southeast Iowa and west central Illinois with wind being the primary threat. Once the storms moved far enough away from the front and into drier air, hail and wind became a combined threat across west central Illinois.